9-23-05

EXPRESS MAIL NO.: ÉV 685780513 US Mailed: September 21, 2005

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SEP 2 1 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of Rong-Chang LIANG, et al.

Art Unit: 2873

Application No. 09/518,488 (Now U.S. Patent No. 6,930,818) Examiner: TRA, Tuyen Q.

Filed: March 3, 2000

(Now Issued August 16, 2005)

Attorney's Docket No: 07783.0002.NPUS00

For: **ELECTROPHORETIC**

DISPLAY AND NOVEL PROCESS FOR ITS MANUFACTURE

Certificate
SEP 3_0 2005

REQUEST FOR CERTIFICATE OF CORRECTION

ATTN: Certificate of Corrections Branch Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicant hereby requests the Commissioner to issue a Certificate of Correction for the above-identified U.S. Patent No. 6,930,818 under 37 C.F.R. §1.322 and §1.323. The U.S. Patent and Trademark Office is authorized to charge the requisite fee \$100 set forth in § 1.20(a) and any fee deficiency to deposit account 08-3038 references attorney docket number 07783.0002.NPUS00.

Applicants hereby request the following corrections in the above-captioned patent.

09/28/2005 MAHMED1 00000083 083038 6930818 01 FC:1811 100.00 DA

THE CORRECTIONS

On the Title Pages:

Page 1, (56), Reference cited, Under U.S. PATENT DOCUMENTS Right Column, line 5, after "5,978,062", insert --

3,229,607	01/1966	Battaglia
3,689,346	09/1972	Rowland
3,885,964	05/1975	Nacci
3,892,568	07/1975	Ota et al.
3,908,052	09/1975	Sanders
4,655,897	04/1987	Disanto et al.
4,741,604	05/1988	Kornfeld
5,177,476	01/1993	Disanțo et al.
5,200,120	04/1993	Sakai
5,274,481	12/1993	Kim
5,460,688	10/1995	Disanto et al
5,589,100	12/1996	Grasso et al.
5,731,860	03/1998	Harada et al.
5,739,889	04/1998	Yamada et al.
5,835,174	11/1998	Clikeman et al.
5,843,333	12/1998	Hakemi
5,872,552	02/1999	Gordon II et al.
5,877,848	03/1999	Gillette et al.
5,895,541	04/1999	Kobayashi et al.
5,942,154	08/1999	Kim et al.
5,976,405	11/1999	Clikeman et al.
5,985,084	11/1999	Summersgill et al.
6,037,058	03/2000	Clikeman et al.
6,113,836	09/2000	Sakai et al.
6,120,946	9//2000	Johnson et al.
6,166,797	12//2000	Bruzzone et al.
6,191,250	02/2001	Aida et al.

6,400,492	06/2002	Morita et al.
6,512,626	01/2003	Schmidt
6,514,328	02/2003	Katoh et al.
4,190,352	02/1980	Bruning
4,924,257	05/1990	Jain
5,285,236	02/1994	Jain
5,652,645	07/1997	Jain
5,398,041	03/1995	Hyatt
5,432,526	07/1995	Hyatt
5,995,190	11/1999	Nagae et al.
5,956,112	09/1999	Fujimori et al.
5,450,220	09/1995	Onishi et al.
6,018,383	01/2000	Dunn et al.
2001/0009352	07/2001	Moore
2002/0018043	02/2002	Nakanishi
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2002/0126249	09/2002	Liang, et al.
2002/0196525	12/2002	Chen et al.
2002/0188053	12/2002	Zang et al.
09/606,654	1/2004	Liang, et al.

Page 1, (56) Reference cited, Under FOREIGN PATENT DOCUMENTS

Line 4, change "JP 5917930" to --JP 59171930--.
Line 16, after "WO WO 00/60410 10/2000", insert --

DE	199 27 359.6	12/2000
CA	2,340,683	2/2001
EP	0990942	04/2000
EP	1065553	01/2001
EP	1195603	04/2002
JP	60-205452	10/1985
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JP	02284126	11/1990

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JP	2000-035677	02/2000
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JP	2001-056653	02/2001
WO	WO 97/04398	02/1997
WO	WO 99/08151	02/1999
wo	WO 99/53373	10/1999
wo	WO 00/03291	01/2000
WO	WO 00/77571	12/2000
WO	WO 01/67170	09/2001
wo	WO 02/01281	01/2002

Page 2, right Column, 8th paragraph, line 3, after "Devices-26(8):1148-1152 (1979)", insert --

Drzaic, P.S., "Liquid Crystal Dispersions", The PDLC Paradigm, pp 1-9, (1995)

Singer, B. et al, "X-Y Addressable Electrophoretic Display", Proc. SID 18(3/4), pp-255-266 (1977)

Kazlas, P. et al., "12.1" SVGA Microencapsulated Electorphoretic Active Matrix Display for Information Applicances" SID 01 Digest 152-155 (2001)

Bryning et al., "37.4: Reverse-Emulsion Electrophoretic Display (REED)" SID 98 Digest pp. 1018-1021 (1998)

Swanson et al., "5.2: High Performance Electrophoretic Displays" SID 00 Diges, pp-29-31 (2000)

Inoue, S. et al., "High Resolution Microencapsulated Electrophoretic Display (EPD) Driven by Poly-Si TFTs With Four-Level Grayscale" *IEEE Transactions on Electron Devices* 49(8), pp-1532-1539 (2002)

Matsuda Y. "Newly designed, high resolution, active matrix addressing in plane EPD" *IDW 02 EP2-3* 1341-1344 (2002)

Ota et al., "Developments in Electrophoretic Displays" Proc. of SID, Vol. 18/3&4, pp-243-254 (1977)

Kishi, E et al, "5.1 Development of In-Plane EPD", Canon Research Center, SID 00 Digest, pp-24-27

In the Specification:

Column 4, at line 43, change "their" to --its--.

Column 7, at line 35, between "not" and "swollen", insert --be--.

Column 8, at line 44, change"the, residual" to--the residual--.

In the Claims:

Column 16, Claim 25, line 6, change "mode" to -- mold --.

THE REMARKS

The corrections on Cover Page 1 (JP 59171930) and in Columns 8 and 16 are to correct typographical errors incurred through the fault of the U.S. Patent and Trademark Office.

The insertion of the omitted cited references on Cover Pages 1 and 2 are to correct errors incurred through the fault of the U.S. Patent and Trademark Office. A copy of the initialed PTO-1449 (4 pages), which was dated November 21, 2003 by the Examiner, is enclosed herewith. The entire references listed in this PTO-1449 are omitted on the cover pages in the issued patent. Applicants have rearranged the cited references in the Certificate of Correction such that the U.S. Patents are listed in the order of increasing number and foreign patents are listed in the order of country. USSN 09/606,654, which was listed at page 4 of PTO-1449 under OTHER DOCUMENTS, is now listed under U.S. PATENT DOCUMENTS. The '654 Application has been issued as U.S. Patent 6,672,921 on January 6, 2004.

The corrections in columns 4 and 7 are to correct grammatical errors.

Respectfully submitted,

Date: September 21, 2005

Viola T. Kung (Reg. No. 41,131)

Enclosure (Examiner-initialed PTO-1449)

HOWREY, LLP

2941 Fairview Park Drive

Box 7

Falls Church, VA 22042

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page <u>1</u> of <u>4</u>

PATENT NO.

: 6,930,818

APPLICATION NO.: 09/518,488

ISSUE DATE:

: August 16, 2005

INVENTOR(S)

: Rong-Chang Liang, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Pages:

Page 1, (56), Reference cited, Under U.S. PATENT DOCUMENTS

Right Column, line 5, after "5,978,062", insert --

ragar column,		0,070,002 , 1110011
3,229,607	01/1966	Battaglia
3,689,346	09/1972	Rowland
3,885,964	05/1975	Nacci
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5,200,120	04/1993	Sakai
5,274,481	12/1993	Kim
5,460,688	10/1995	Disanto et al
5,589,100	12/1996	Grasso et al.
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5,739,889	04/1998	Yamada et al.
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5,985,084	11/1999	Summersgill et al.
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6,120,946	9//2000 Joh	nnson et al.
6,166,797	12//2000	Bruzzone et al.
6,191,250	02/2001	Aida et al.

6,400,492	06/2002	Morita et al.	Page 2 of 4
6,512,626	01/2003	Schmidt	
6,514,328	02/2003	Katoh et al.	
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4,924,257	05/1990	Jain	
5,285,236	02/1994	Jain	
5,652,645	07/1997	Jain	
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5,432,526	07/1995	Hyatt	
5,995,190	11/1999	Nagae et al.	
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2002/0188053	12/2002	Zang et al.	
09/606,654	1/2004	Liang, et al.	
 .			

Page 1, (56) Referen	ce cited, Under FOREIGN PATE	NT DOCUMENTS	Page 3 of 4
Line 4, change "JP	5917930" toJP 5917	1930	
Line 16, after "WO	WO 00/60410 10/2000", ins	ert	
DE	199 27 359.6	12/2000	
CA	2,340,683	2/2001	
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EP	1065553	01/2001	
EP	1195603	04/2002	
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JP	6242423	09/1994	
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JP	2000 075497	03/2000	·
JP	2001-042118	02/2001	
JP	2001-056653	02/2001	
wo	WO 97/04398	02/1997	
wo	WO 99/08151	02/1999	
wo	WO 99/53373	10/1999	
wo	WO 00/03291	01/2000	
wo	WO 00/77571	12/2000	
wo	WO 01/67170	09/2001	
wo	WO 02/01281	01/2002	

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Page 4 of 4

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Kishi, E et al, "5.1 Development of In-Plane EPD", Canon Research Center, SID 00 Digest, pp-24-27

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Column 8, at line 44, change"the, residual" to--the residual--.

in the Claims:

Column 16, Claim 25, line 6, change "mode" to -- mold --.

MAILING ADDRESS OF SENDER (Please do not use customer number below): HOWREY LLP 2941 Fairview Park Drive, Box 7

Falls Church, VA 22042

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

American LegalNet, Inc. www.USCourtForms.com

INFORMATION DISCLOSURE STATEMENT

PTO-1449

ATTY. DOCKET NO.

26822-0002

SERIAL NO.

09/518,488

APPLICANTS: RONG, Chang-Liang, et al.

EXAMINER'S PATENT NO. DATE		FILING DATE: 03/03/2000	GROUP: 2873				
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLA	SS	SUBCLASS	FILING DATE
7,7,	5,177,476	01/05/1993	Disanto et al.				
T.T.	5,872,552	02/16/1999	Gordon II et al.	HE		EIVED	
T.T.	4,655,897	04/07/1987	Disanto et al.	SE	P (9-2003	
7.7.	3,689,346	09/05/1972	Rowland	DEFIT E] - -	PETITIONS	
T.T.	5,942,154	08/24/1999	Kim et al.			CITIONS	
て	3,229,607	01/18/1966	Battaglia				
7.7.	5,877,848	03/02/1999	Gillette et al.				
177.	5,731,860	03/24/1998	Harada et al.				·
T.T.	5,895,541	04/20/1999	Kobayashi et al.				
T.T.	5,985,084	11/16/1999	Summersgill et al.				
1.1,	3,885,964	05/27/1975	Nacci				
T.T.	4,741,604	05/03/1988	Komfeld				
TIT	5,200,120	04/06/1993	Sakai				
1.1	6,113,836	09/05/2000	Sakai et al.				
TiT.	6,400,492	06/04/2002	Morita et al.				
Т.Т.	6,512,626	01/28/2003	Schmidt				,
T.T.	6,514,328	02/04/2003	Katoh et al.				
T.T.	5,589,100	12/31/1996	Grasso et al.				
T.T.	5,835,174	11/10/1998	Clikeman et al.				
7.7	5,976,405	11/02/1999	Clikeman et al.				
7.7,	6,037,058	03/14/2000	Clikeman et al.				
₹	3,908,052	09/23/1975	Sanders				
T,T,	5,274,481	12/28/1993	Kim				
T.T.	5,739,889	04/14/1998	Yamada et al.		7		
T.T.	6,120,946	9/19/2000	Johnson et al.				
T.T.	6,166,797	12/26/2000	Bruzzone et al.				
T.T.	5,843,333	12/01/1998	Hakemi				
T.T.	5,460,688	10/24/1995	Disanto et al		\neg		
T.T.	3,892,568	07/01/1975	Ota et al.		7		

							SIICE	I Z OF
INFORMATION DISCLOSURE		ATTY. DOCKET NO.	i	SER	IAL NO.			
	STATEMENT		26822-0002	·	09/518,488			
	PTO-1449		APPLICANTS: RONG, Chang-Liang, et al.					
	· · · · · · · · · · · · · · · · · · ·		FILING DATE: 03/03/2000)	GRO	OUP: 2873		
		U.S	S. PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLA	SS	SUBCLASS	FILIN	G DATE
T:T.	6,191,250	02/20/2001	Aida et al.					
7.7.	4,190,352	02/26/1980	Bruning	F	IE(CEIVED		
7.7.	4,924,257	05/08/1990	Jain		ΕĐ			
T.T.	5,285,236	02/08/1994	Jain					
T.T.	5,652,645	07/29/1997	Jain	OFF	Œ	F PETITIONS		
7.7.	5,398,041	03/14/1995	Hyatt					
T.T.	5,432,526	07/11/1995	Hyatt					
フ. ア、	5,995,190	11/30/1999	Nagae et al.					
T.T.	5,956,112	09/21/1999	Fujimori et al.					
17.	5,450,220	09/12/1995	Onishi et al.		7		_	
4.1.	6,018,383	01/25/2000	Dunn et al.					
LT.	2001/0009352	07/26/2001	Moore		7			
7.7.	2002/0029969	03/14/2002	Yager et al.					
T.T.	2002/0196525	12/26/2002	Chen et al.		7			
7.7.	2002/0018043	02/14/2002	Nakanishi					
T.T.	2002/0188053	12/12/2002	Zang et al.				-	
T.T.	20020126249	12/05/2002	Chan-Park, et al.		1			
T.T.	20020126249	09/12/2002	Liang, et al.		7		~~·	
		FORE	EIGN PATENT DOCUMENTS					-
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY (Inventor)	CLAS	SS	SUBCLASS	TRANS	LATION
	100.27.250.5	<u></u>					YES	МО
TT.	199 27 359.6	Pub. Date 12/21/00	Germany ¹ (Schmidt, F. G.)					\boxtimes
一一一 .	2,340,683	Nat'l Entry Dt 2/14/2001	Canada (Schmidt, F. G.)				\boxtimes	
T_T,	EP 1065553	Pub Date 01/03/2001	Europe (Ogawa)					
T,T.	EP 0990942	Pub Date 04/05/2000	Europe (Yamanaka)					
T.T.	EP 1195603	Pub Date 04/10/2002	Europe (Kawai)		+			
TT,	JP 6242423	Pub Date 09/02/1994	Japan (Nakai Yuichi) (English abstract included)					\boxtimes

See English counterparts US Patent No. 6,512,626 or Canadian Patent Application No. 2,340,683. Applicant would be happy to obtain a direct translation of the document if desired.

SHEET 3 OF 4 ATTY. DOCKET NO. SERIAL NO. INFORMATION DISCLOSURE 09/518,488 26822-0002 **STATEMENT** APPLICANTS: RONG, Chang-Liang, et al. PTO-1449 FILING DATE: 03/03/2000 **GROUP: 2873** FOREIGN PATENT DOCUMENTS **EXAMINER'S** PATENT NO. TRANSLATION DATE COUNTRY (Inventor) **CLASS** SUBCLASS **INITIALS** JP 1-86116 Pub Date Japan (Seiichiro) П \boxtimes T.T. 01/26/1990 (English abstract included) RECEIVED JP 60-205452 Pub Date Japan (Hisanori) 十. \boxtimes 10/17/1985 (English abstract included) FP 0 9 2003 JP 2000 035677 **Pub Date** Japan \boxtimes T.T. (English abstract included) OFFICE OF PETITIONS 02/02/2000 JP 2000 075497 Pub Date TI. Japan \boxtimes 03/14/2000 (English abstract included) JP 2001 042118 Pub Date Japan TIT. \boxtimes 02/16/2001 (English abstract included) JP 2001 056653 Pub Date Japan (Hayakawa) T.T. \boxtimes 02/27/2001 (English abstract included) JP 02284126 Pub Date Japan (Oshiro) TIT. \boxtimes 11/21/1990 (English abstract included) WO 97/04398 Pub Date PCT (Jacobson) T.T. 02/06/1997 WO 00/77571 Pub Date PCT1 (Schmidt, F. G.) T.T. \bowtie П 12/21/00 WO 01/67170 Pub Date PCT (Liang et al.) T.T. П 09/13/2001 WO 99/08151 Pub Date PCT (Bruzzone et al.) T.T. П 02/18/1999 WO 00/03291 Pub Date PCT (Jacobson et al.) T.T. П 01/20/2000 WO 02/01281 Pub Date PCT (Liang et al.) \Box T.T.01/03/2002 WO 99/53373 Pub Date T.T. PCT (Drzaic) П 10/21/1999 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) T.T. Drzaic, P.S., "Liquid Crystal Dispersions", The PDLC Paradigm, pp 1-9, (1995) T.T. Singer, B. "X-Y Addressable Electrophoretic Display", Proc. SID-18 (3/4): 255-266 (1977) Kazlas, P. et al., "SVGA Microencapsulated Electorphoretic Active Matrix Display for Information T.T. Applicances" SID 01 Digest 152-155 (2001) T.T. Bryning et al., "Reverse-Emulsion Electrophoretic Display (REED)" SID 98 Digest 1018-1021 (1998) T.T. Swanson et al., "High Performance Electrophoretic Displays" SID 00 Digest 29-31 (2000) Inoue, S. et al., "High Resolution Microencapsulated Electrophoretic Display (EPD) Driven by Poly-Si T.T. TFTs With Four-Level Grayscale" IEEE Transactions on Electron Devices 49(8):1532-1539 (2002) Matsuda Y. "Newly designed, high resolution, active matrix addressing in plane EPD" IDW 02 EP2-3 1341-TIT 1344 (2002)

See English counterparts US Patent No. 6,512,626 or Canadian Patent Application No. 2,340,683. Applicant would be happy to obtain a direct translation of the document if desired.

			SHEET TOIL	
INFORMA	TION DISCLOSURE	ATTY. DOCKET NO.	SERIAL NO.	
STATEMENT PTO-1449		26822-0002	09/518,488	
		APPLICANTS: RONG, Chang-Liang, et al.		
		FILING DATE: 03/03/2000	GROUP: 2873	
	OTHER DOCUMENTS (Including Author, Title, Date, Perti	inent Pages, Etc.)	
T.T.	Ota et al., "Developments in I	n Electrophoretic Displays" Proc. of SID 18:243-254 (1977)		
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T.T.	USSN 09/606,654, "Manufact upon request)	turing Process for Electrophoretic Dis	play", filed 6/28/2000 (copy provided	
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EXAMINER	TUYEN TRA	DATE CONSIDERED // , &	21.03	
		<u> </u>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{*}If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d).